

INFORMATION DISCLOSURE STATEMENT

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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| SW | AA | Champoux, J.J., "Roles of Ribonuclease H in Reverse Transcription," <i>Reverse Transcriptase</i> , Copyright 1993 Cold Spring Harbor Laboratory Press (1993). |
| | AB | Chen et al., "Structure-Based Discovery of Ligands Targeted to the RNA Double Helix," <i>Biochemistry</i> , Vol. 36: No. 38 (1997) pp. 11402-11407. |
| | AC | Crothers, D. M., "Statistical Thermodynamics of Nucleic Acid Melting Transitions with Coupled Binding Equilibria," <i>Biopolymers</i> , Vol. 10 (1971) pp. 2147-2160. |
| | AD | Furfine et al., "Human Immunodeficiency Virus Reverse Transcriptase Ribonuclease H: Specificity of tRNA ^{Lys3} -Primer Excision," <i>Biochemistry</i> , Vol. 30, No. 29 (1991) pp. 7041-7046. |
| | AE | Gotte et al., "HIV-1 reverse transcriptase-associated RNase H cleaves RNA/RNA in arrested complexes: implications for the mechanism by which RNase H discriminates between RNA/RNA and RNA/DNA," <i>The EMBO Journal</i> , Vol 14, No. 4 (1995) pp. 833-841. |
| | AF | Hamy et al., "A New Class of HIV-1 Tat Antagonist Acting through Tat-TAR Inhibition," <i>Biochemistry</i> , Vol. 37 (1998) pp. 5086-5095. |
| | AG | Larder, B., "Inhibitors of HIV Reverse Transcriptase as Antiviral Agents and Drug Resistance," Copyright 1993 Cold Spring Harbor Laboratory Press (1993). |
| | AH | Marky et al., "Calculating Thermodynamic Data for Transitions of any Molecularity from Equilibrium Melting Curves," <i>Biopolymers</i> , Vol. 26 (1987) pp. 1601-1620. |
| | AI | Mei et al., "Inhibitors of Protein-RNA Complexation That Target the RNA: Specific Recognition of Human Immunodeficiency Virus Type 1 TAR RNA by Small Organic Molecules," <i>Biochemistry</i> , Vol. 37 (1998) pp. 14204-14212. |
| | AJ | Mueller et al., "Crystal Structure of an Eight-Base Pair Duplex Containing the 3'-DNA-RNA-5' Junction Formed during Initiation of Minus-Strand Synthesis of HIV Replication," <i>Biochemistry</i> , Vol. 37, No. 35 (1998) pp. 12005-12011. |
| SW | AK | Pandey et al., "Role of Methionine 184 of Human Immunodeficiency Virus Type -1 Reverse Transcriptase in the Polymerase Function and Fidelity of the DNA Synthesis," <i>Biochemistry</i> , Vol. 35 (1996) pp. 2168-2179. |

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| FORM PTO-1449 | | ATTY. DOCKET NO. 266/300 | SERIAL NO. 09/945,435 |
| LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT JUN 11 2002 (Use several sheets if necessary) | | PILCH, Daniel S. et al. | |
| | | August 31, 2001 | GROUP: 1614 |

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| 5u | AL | Pilch et al., "Berenil [1,3-Bis(4'-amidinophenyl)triazene] Binding to DNA Duplexes and to a RNA Duplex: Evidence for Both Intercalative and Minor Groove Binding Properties, Copyright (1995) by the American Chemical Society and reprinted by permission of the copyright owner, pp. 9962-9976 (reprinted from <i>Biochemistry</i> (1995), Vol. 34) |
| | AM | Richman, D., "HIV chemotherapy," <i>Nature</i> , Vol. 410 (2001) pp. 995-1001. |
| | AN | Robinson et al., "Neomycin, spermine and hexaamminecobalt(III) share common structural motifs in converting B- to A-DNA," <i>Nucleic Acids Research</i> , Vol. 24, No. 4 (1996) pp. 676-682. |
| | AO | Saenger, "Polymorphism of DNA versus Structural Conservatism of RNA: Classification of A-, B-, and Z-Type Double Helices," <i>Principles of Nucleic Acid Structure</i> , Springer-Verlag, New York, (1984) Chapter 9, pp. 220-241 |
| | AP | Sarafianos et al., "Crystal structure of HIV-1 reverse transcriptase in complex with a polypurine tract RNA:DNA," <i>The EMBO Journal</i> , Vol. 20, No. 6 (2001) pp. 1449-1461. |
| | AQ | Smith et al., "Specificity of Human Immunodeficiency Virus-1 Reverse Transcriptase-associated Ribonuclease H in Removal of the Minus-strand Primer, tRNA ^{Lys3} ," <i>The Journal of Biological Chemistry</i> , Vol. 267, No. 21 (1992) pp. 15071-15079. |
| | AR | Tang et al., "Lentivirus Replication And Regulation," <i>Annu. Rev. Genet.</i> , Vol. 33 (1999) pp. 133-70. |
| | AS | Tisdale et al., "Mutations within the RNase H domain of human immunodeficiency virus type 1 reverse transcriptase abolish virus infectivity," <i>Journal of General Virology</i> , Vol. 72 (1991) pp. 59-66. |
| | AT | Wang et al., "Binding of Neomycin to the TAR Element of HIV-1 RNA Induces Dissociation of Tat Protein by an Allosteric Mechanism," <i>Biochemistry</i> , Vol. 37 (1998) pp. 5549-5557. |
| | AU | Fedoroff et al., "Structural Variation among Retroviral Primer-DNA Junctions: Solution Structure of the HIV-1(-) -Strand Okazaki Fragment r(gcca)d(CTGC)·d(GCAGTGGC)," <i>Biochemistry</i> , Vol. 35 (1996) pp. 11070-11080. |
| 5u | AV | Zapp et al., "Small Molecules That Selectively Block RNA Binding of HIV-1 Rev Protein Inhibit Rev Function and Viral Production," <i>Cell</i> , Vol. 74 (1993) pp. 969-978. |
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